Major Land Resource Area 116A
Ozark Highland

Accessed: 04/16/2024

Ecological site keys

MLRA 116A

I. Upland Summits, Shoulders or Backslopes

A. Bedrock <20"

1 Steep slopes dominant (upper slope range to 70%)

i. DOLOMITE PROTECTED CLIFF N, E aspects ... R116AY014MO – Dolomite Protected Cliff

ii. DOLOMITE EXPOSED CLIFF S, W aspects ... R116AY017MO – Dolomite Exposed Cliff

2 Steep slopes minor

i. SHALLOW DOLOMITE UPLAND GLADE/WOODLAND Dolomite residuum ... R116AY020MO – Shallow Dolomite Upland Glade/Woodland

ii. SHALLOW SANDSTONE UPLAND GLADE/WOODLAND Sandstone residuum ... R116AY027MO – Shallow Sandstone Upland Glade/Woodland

B. Bedrock >20"

1 Mollisol or Mollic Subgroup

i. >12" loess

a. CLAYPAN SUMMIT PRAIRIE Fragipan or claypan ... R116AY001MO – Claypan Summit Prairie

b. LOAMY UPLAND PRAIRIE No root restriction ... R116AY006MO – Loamy Upland Prairie

ii. <12" loess

a. <15% slope

1) CALCAREOUS DOLOMITE UPLAND WOODLAND Bedrock 20-40" ... F116AY009MO – Calcareous Dolomite Upland Woodland

2) CHERT UPLAND SAVANNA Bedrock >40" ... R116AY063MO – Chert Upland Savanna

b. >15% slope

1) CALCAREOUS DOLOMITE PROTECTED BACKSLOPE FOREST N, E aspects ... F116AY010MO – Calcareous Dolomite Protected Backslope Forest

2) CALCAREOUS DOLOMITE EXPOSED BACKSLOPE WOODLAND S, W aspects ... F116AY047MO – Calcareous Dolomite Exposed Backslope Woodland

2 Alfisol or Ultisol (not in Mollic subgroup)

i. <15% slope

a. >12" loess

1) Fragipan or claypan

a) FRAGIPAN UPLAND FLATWOODS SWP Drained ... F116AY066MO – Fragipan Upland Flatwoods

b) FRAGIPAN UPLAND WOODLAND MW Drained ... F116AY004MO – Fragipan Upland Woodland

2) No root restriction

a) LOW-BASE LOAMY UPLAND WOODLAND Ultic ... F116AY007MO – Low-Base Loamy Upland Woodland

b) LOAMY UPLAND WOODLAND Alfic ... F116AY008MO – Loamy Upland Woodland

b. <12" loess

1) CHERT MUDSTONE UPLAND WOODLAND Cherty mudstone residuum ... F116AY003MO – Chert Mudstone Upland Woodland

2) LOAMY DOLOMITE UPLAND WOODLAND Dolomite residuum ... F116AY018MO – Loamy Dolomite Upland Woodland

3) Cherty dolomite residuum

a) Alfisol

(1) CHERT DOLOMITE UPLAND WOODLAND Bedrock 20-40" ... F116AY044MO – Chert Dolomite Upland Woodland

(2) CHERT UPLAND WOODLAND Bedrock >40" ... F116AY011MO – Chert Upland Woodland

b) LOW-BASE CHERT UPLAND WOODLAND Ultisol ... F116AY012MO – Low-Base Chert Upland Woodland

4) LOW-BASE SANDSTONE UPLAND WOODLAND Sandstone residuum ... F116AY023MO – Low-Base Sandstone Upland Woodland

ii. >15% slope

a. Cherty dolomite residuum, or cherty slope alluvium

1) >12" loess

a) LOAMY PROTECTED BACKSLOPE FOREST N, E aspects ... F116AY030MO – Loamy Protected Backslope Forest

b) LOAMY EXPOSED BACKSLOPE WOODLAND S, W aspects ... F116AY046MO – Loamy Exposed Backslope Woodland

2) <12" loess

a) Alfisol

(1) Bedrock 20-40"

(a) Thin loess

(1) LOAMY DOLOMITE PROTECTED BACKSLOPE FOREST N, E aspects ... F116AY019MO – Loamy Dolomite Protected Backslope Forest

(2) LOAMY DOLOMITE EXPOSED BACKSLOPE WOODLAND S, W aspects ... F116AY051MO – Loamy Dolomite Exposed Backslope Woodland

(b) No loess

(1) CHERT DOLOMITE PROTECTED BACKSLOPE FOREST N, E aspects ... F116AY016MO – Chert Dolomite Protected Backslope Forest

(2) CHERT DOLOMITE EXPOSED BACKSLOPE WOODLAND S, W aspects ... F116AY048MO – Chert Dolomite Exposed Backslope Woodland

(2) Bedrock >40"

(a) CHERT PROTECTED BACKSLOPE FOREST N, E aspects ... F116AY002MO – Chert Protected Backslope Forest

(b) CHERT EXPOSED BACKSLOPE WOODLAND S, W aspects ... F116AY062MO – Chert Exposed Backslope Woodland

b) Ultisol

(1) LOW-BASE CHERT PROTECTED BACKSLOPE WOODLAND N, E aspects ... F116AY013MO – Low-Base Chert Protected Backslope Woodland

(2) LOW-BASE CHERT EXPOSED BACKSLOPE WOODLAND S, W aspects ... F116AY049MO – Low-Base Chert Exposed Backslope Woodland

b. Sandstone residuum

1) LOW-BASE SANDSTONE PROTECTED BACKSLOPE WOODLAND N, E aspects ... F116AY045MO – Low-Base Sandstone Protected Backslope Woodland

2) LOW-BASE SANDSTONE EXPOSED BACKSLOPE WOODLAND S, W aspects ... F116AY053MO – Low-Base Sandstone Exposed Backslope Woodland

c. TALUS FOOTSLOPE FOREST Colluvium ... F116AY022MO – Talus Footslope Forest

II. Upland Drainageways

A. WET UPLAND DRAINAGEWAY PRAIRIE Historic Prairie (GLO) ... R116AY026MO – Wet Upland Drainageway Prairie

B. Historic Forest (GLO)

1 WET UPLAND DRAINAGEWAY FOREST SWP, P Drained ... F116AY036MO – Wet Upland Drainageway Forest

2 GRAVELLY/LOAMY UPLAND DRAINAGEWAY FOREST MW, W Drained ... F116AY037MO – Gravelly/Loamy Upland Drainageway Forest

III. Sinkholes

A. LOAMY SINKHOLE WOODLAND Well drained ... F116AY043MO – Loamy Sinkhole Woodland

B. PONDED SINKHOLE WETLAND Somewhat Poorly Drained ... R116AY029MO – Ponded Sinkhole Wetland

IV. Footslopes & High Terraces

A. WET FOOTSLOPE SAVANNA Mollic ... R116AY005MO – Wet Footslope Savanna

B. Alfic & Ultic

1 WET FOOTSLOPE FOREST SWP, P Drained ... F116AY033MO – Wet Footslope Forest

2 MW, W Drained

i. DRY FOOTSLOPE FOREST Low AWC (skeletal, or fragipan) ... F116AY031MO – Dry Footslope Forest

ii. LOAMY FOOTSLOPE FOREST High AWC (loamy or clayey) ... F116AY032MO – Loamy Footslope Forest

V. Terraces, Floodplain Steps

A. Argillic horizon

1 WET TERRACE FOREST Poorly to SWP Drained ... F116AY035MO – Wet Terrace Forest

2 LOAMY TERRACE FOREST MW to Well Drained ... F116AY034MO – Loamy Terrace Forest

B. No argillic horizon

1 WET FLOODPLAIN STEP FOREST Poorly to SWP Drained ... F116AY040MO – Wet Floodplain Step Forest

2 LOAMY FLOODPLAIN STEP FOREST MW to Well Drained ... F116AY039MO – Loamy Floodplain Step Forest

VI. Low Floodplains

A. SANDY/GRAVELLY FLOODPLAIN FOREST Low AWC (skeletal, sandy, coarse-loamy) ... F116AY042MO – Sandy/Gravelly Floodplain Forest

B. LOAMY FLOODPLAIN FOREST High AWC (fine-loamy, fine-silty) ... F116AY041MO – Loamy Floodplain Forest